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TO STAT

FROM

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Subject: Replacement Subassemblies and Spares for SARAH Search Equipment AR1-5876 and the MK 220 BEACON.

STAT

In response to your phone inquiry, here is a list of recommended subassemblies and spare parts for ~~Ten Receivers and Beacons on Hand~~. The subminiature SARAH Receiver AR1-5876 and MK 220 BEACON. Based on ~~Recon~~ experience of repairing the SARAH equipment, the recommendation is made to maintain as spares and replacement subassemblies ~~for~~ for each ~~Ten~~ Ten Receivers on hand, the following components:

(1). Sarah Receiver AR1-5876,

(A) - 1 power unit, less case, type 8094

(B) - 1 time base unit subassembly.

(C) - 1 RF unit subassembly.

(D) - 1 IF unit subassembly.

(E) - 2 - Aerial and X-plate change-over relay.

(F) - 1 - Oscillator/drive unit.

(2) In addition the following tubes

This information was obtained by [redacted] STAT on 14 May 1957

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and components are recommended as spares for the Sarah Receiver AR1.5876.

(A) - 2 CV 465 tubes
(B) - 1 CV 468 tubes
(C) - 2 CV 469 tubes
(D) - 1 GEC/CAMA 401 Cathode ray tube
(E) - 2 U709 tubes
(F) - 2 2289 tubes
(G) - 2 - 47 OHMS VITREOUS ENAMELLED RESISTORS, 5 WATTS.
H - 10 - subminiature fuses 500 MA.
I - 10 - subminiature fuses 2 AMPS.

(3) - MK 220 Beacon
(a) - 2 spare vibrators
B - 2 EC81 tubes

(4) - To properly align the subassemblies, the suggestion is made to obtain the following items:
(A) 1 - Test set, as illustrated in the instruction manual, to align receivers.
(B) Alignment instructions for the RF, IF, and Time base sections of the Sarah Receiver AR1.5876.

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